

OCTOBER 1958 — 25

NO. SM 4

VOLUME 84

PART 2

Your attention is invited

**NEWS
OF THE
SOIL
MECHANICS
AND
FOUNDATIONS
DIVISION
OF
ASCE**



JOURNAL OF THE SOIL MECHANICS AND FOUNDATIONS DIVISION
PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

1922

1923

1924

1925

1926

1927

1928

1929

1930

1931

1932

1933

1934

1935

1936

1937

1938

1939

1940

1941

1942

DIVISION ACTIVITIES

SOIL MECHANICS AND FOUNDATIONS DIVISION

Proceedings of the American Society of Civil Engineers

NEWS

October, 1958

PROCEEDINGS OF BRUSSELS CONFERENCE

The United States National Council on Soil Mechanics and Foundation Engineering has recently received a letter from the Secretary of the International Society of Soil Mechanics and Foundation Engineering regarding the Proceedings of the Brussels Conference on Earth Pressure Problems which will be held during September 1958. The following information should be of interest to all members of the Division.

Volumes 1 and 2 of the Conference will be published this month and Volume 3 will be published after the Conference. Copies may be obtained from:

Dr. V. Roisin, Secretary
Groupement Belge de la Societe Internationale
de Mecaniques des Sols et des Travaux de Fondations
3 Avenue des Gaulois
Bruxelles, Belgium

Cost of the Proceedings will be 750 Belgian Francs (\$15.00 U.S.) per set. All foreign bank drafts, money orders, etc., should be made payable to:

Banque Lambert
rue du Bailli
Bruxelles, Belgium
Compte No. 46.72.80 de l'A. B. E. M.
Rubrique "Proceedings of Congres Sols 57"

A recent letter from Dr. Ing. V. Roisin, Secretary of the Conference, indicates that the Proceedings will be published in the same manner as the Proceedings of the Fourth Conference; that is, either in English or in French according to authors submittal with summary in the other language.

REPORT ON ACTIONS TAKEN AT THE PORTLAND MEETING OF THE EXECUTIVE COMMITTEE

The Board of Direction approved the appointment of Dr. J. O. Osterberg as a member of the Executive Committee for a term beginning immediately following the Annual Meeting in October 1958.

Note: No. 1958-25 is part of the copyrighted Journal of the Soil Mechanics and Foundations Division, Proceedings of the American Society of Civil Engineers, Vol. 84, SM 4, October, 1958.

Copyright 1958 by the American Society of Civil Engineers.

The Executive Committee elected Professor G. A. Leonards to serve a two-year term as secretary of the Committee, beginning at the close of the Annual Meeting in October 1958.

The Board of Direction approved the Executive Committee's proposal for a merger of the U. S. National Council on Soil Mechanics and Foundation Engineering with the Soil Mechanics and Foundations Division of the American Society of Civil Engineers.

GENERAL CONVENTION LUNCHEON
AT ANNUAL MEETING
HONORS DR. TERZAGHI

The General Convention Luncheon to be held in New York on October 16, 1958 will honor Dr. Karl Terzaghi on the occasion of his 75th birthday. Our division is sponsoring this meeting. Dr. Terzaghi has been invited to be the feature speaker and has accepted. His talk will be entitled "Soil Mechanics in Action". Arthur Casagrande will be the toastmaster at this luncheon and Carlton Proctor, past president of the Society and a past president of the Institute of Consulting Engineers, will introduce the honored guest.

CONFERENCE ON SHEAR STRENGTH

A committee, with W. J. Turnbull as chairman and M. J. Hvorslev as vice chairman, has accepted responsibility for organizing a conference on shear strength. It is intended that this conference be limited to 40 or 50 active participants, including a few invited from outside the continental borders. The exact date for the conference is to be left to the discretion of the committee, but it is hoped that it will be held between the period of September 1959 and October 1960.

LOCAL SECTION NEWS

The activities of the Soil Mechanics and Foundation Division, Colorado Section, for the 1957-1958 year are shown on the following "Summary of Meetings".

Plans are being made for a joint technical conference to be held early this fall at the Colorado School of Mines, Golden, Colorado. The theme will be "The Theory & Practical Treatment of Expansive Soils in Engineering."

During the June meeting, the following men were elected officers for 1958-1959:

James G. Johnstone, Chairman
Howard E. Allen, Jr., Vice-Chairman
William W. Daehn, Secretary

SEPTEMBER 1957 TO JUNE 1958
SOIL MECHANICS AND FOUNDATION DIVISION
COLORADO SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS

NO.	DATE	PLACE	SPEAKER	TITLE	ATTENDANCE
1	October 9, 1957	All meetings were held in the Stearns-Roger Building, Denver, with the exception of the April 2nd meeting which was held at the U.S.B.R., Denver.	Mr. H. T. Gibbs Head of Earth Special Investigation & Research U.S.B.R., Denver	"Soil Engineering in Frost Areas"	21
2	November 6, 1957		Mr. William K. Judd Engineering Geologist U.S.B.R., Denver	"Exploration Logistics in Alaska"	24
3	December 4, 1957		Mr. W. W. Daehn Supervisory Engineer Earth Dam Section U.S.B.R., Denver	"Performance of Earth Dams by Instrumentation"	16
4	January 6, 1958		Mr. Wesley G. Holts Chief Earth Laboratory U.S.B.R., Denver	"Compaction Characteristics of Gravely Soils"	31
5	February 5, 1958		Mr. Christopher Erskine Consulting Engineering Geologist, Denver	"Relation of Landslides in the Pierre Shale to Geology & Groundwater Conditions"	26
6	March 5, 1958		Mr. H. W. Hempel Chief Structural Engr. Stearns-Roger, Denver	"Stabilizing a Loose Deposit of Lava Cinders by the Method of Low Pressure Grouting"	18

SEPTEMBER 1957 TO JUNE 1958
SOIL MECHANICS AND FOUNDATION DIVISION
COLORADO SECTION
AMERICAN SOCIETY OF CIVIL ENGINEERS

NO.	DATE	PLACE	SPEAKER	TITLE	ATTENDANCE
7	April 2, 1958	All meetings were held in the Stearns-Roger Building, Denver, with the exception of the April 2nd meeting which was held at the U.S.B.R., Denver.	Messrs. C. W. Jones and R. R. Clark, Engineers, U.S.B.R., Denver	"Subsurface Soil Sampling and Testing Equipment"	60
8	May 7, 1958		Dr. James L. Sherard Consulting Soils Engr. Woodward, Clyde, Sherard, and Associates, Denver	"Recent Experiences in Earth Dam Engineering"	27
9	June 4, 1958		Mr. Fred J. Davis Civil Engineer, Earth Dam Design Section, U.S.B.R., Denver	"Construction Control of High Earth Dams"	18

WANTED! FILMS AND SLIDES!

Sometime ago Executive Secretary W. H. Wisely informed the Soil Mechanics and Foundations Division that the Society's collection of films and slides related to our division to be made available to student chapters and local sections, was in urgent need of additional material. Members of the Executive Committee have sought to locate suitable material, but thus far their efforts have not been too fruitful. It may be that some of you will know of material that can be made available. If so, it would be greatly appreciated if you would inform Mr. Wisely.

Information Desired From Division Members

The Teaching Aids Committee of the Division on Engineering Geology, Geological Society of America, is compiling a list of the organizations in the United States employing engineering geologists on a part or full-time basis (not to include organizations using consultants only).

The Committee on Ground Water Research of the Section of Hydrology, American Geophysical Union, is compiling a list of current research projects actively being pursued by both private and governmental agencies in the United States. The fields of disposal of industrial waste, artificial ground water recharge, runoff and infiltration, ground water chemistry, laboratory and field investigation of permeability and ground water flow, and regional ground water studies are to be included.

In order to obtain as complete a listing as possible it is requested that anyone who has pertinent information for inclusion in either of these compilations, send it as soon as possible to the following address:

Professor Don U. Deere
113 Talbot Laboratory
University of Illinois
Urbana, Illinois

Any help the members of our Division can offer will be really appreciated by those concerned.

DECEMBER NEWSLETTER

Deadline date for arrival at this office of contributions for the December Newsletter: October 20, please.

Bernard B. Gordon, Assistant Editor
Porter, Urquhart, McCreary and
O'Brien
1140 Howard Street
San Francisco 3, California

Alfred C. Ackenheil, Editor
Department of Civil Engineering
University of Pittsburgh
Pittsburgh 13, Pennsylvania